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Fee
OK
C. Dexter
3/17/03
PATENT APPLICATION
DOCKET NO. ACE106.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: **Raleigh J. Jensen**

SERIAL NO.: 09/826,452

GROUP ART UNIT: 3724

FILED: 04/04/01

EXAMINER: C. Dexter

SUBJECT: Tensive Cutting Assembly

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ASSISTANT COMMISSIONER FOR PATENTS

MAR 14 2003

Box Non-Fee Amendment
Washington, DC 20231

TECHNOLOGY CENTER R3700

In response to the Office Action mailed December 17, 2002, Applicant submits the following amendments and remarks.

AMENDMENTS

1 1. (Fourth Amendment) A cutting head assembly comprising:
2 a cutting head including a first head member including a first set of returns,
3 the first head member adjustably connected to a second head member including a
4 second set of returns;
5 a cutting member connected to the cutting head, the cutting member formed
6 of a strip of material including a first end, a second end, a length and a width, [a] the
7 first end of the cutting member secured to the cutting head, the length of the cutting
8 member positioned about the first set of returns and the second set of returns in a

9 serpentine configuration, a leg of the cutting member extending across an aperture
10 formed through the cutting head and the second end of the cutting member secured
11 to the cutting head; and
12 a cutting member tensioning device disposed between and adjustably
13 engaging the first head member and second head member for adjusting a distance
14 between the first set of returns and the second set of returns and tensioning the
15 cutting member.

1 8. (Fourth Amendment) A cutting head assembly comprising:
2 a cutting head including a first head member including a first set of returns,
3 the first head member opposingly and adjustably connected to a second head
4 member including a second set of returns;
5 a tensioned blade formed of a strip of material, the first head member
6 including a first end, a second end, a length, a longitudinal axis and a width, the
7 tensioned blade positioned about the first set of returns and the second set of
8 returns in a serpentine configuration, a leg of the tensioned blade extending across
9 an aperture formed through the cutting head, the first end of the tensioned blade
10 secured to the cutting head by a first end securing member and the second end of
11 the tensioned blade secured to the cutting head [at] by a second end securing
12 member;
13 the first set of returns each including a face that is oriented substantially
14 perpendicular to the longitudinal axis of the tensioned blade for exerting a
15 substantially equal tensile force across a full width of the tensioned blade,
16 substantially reducing stress risers in the tensioned blade;
17 the second set of returns each including a face that is oriented substantially
18 perpendicular to the longitudinal axis of the tensioned blade for exerting a tensile
19 force across a full width of the tensioned blade, substantially reducing stress risers in
20 the tensioned blade; and
21 a tensioning device including one or more screws disposed between and
22 adjustably engaging the first head member and the second head member, each of



3724

TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
ACE106.02

In Re Application Of: RALIEGH J. JENSEN

Serial No.
09/826,452

Filing Date
04/04/01

Examiner
C. DEXTER

Group Art Unit
3724

Title: TENSIVE CUTTING ASSEMBLY

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

RESPONSE TO OFFICE ACTION MAILED 12/17/02

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in the above identified application.

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Dated: February 25, 2003

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